Fig. 1

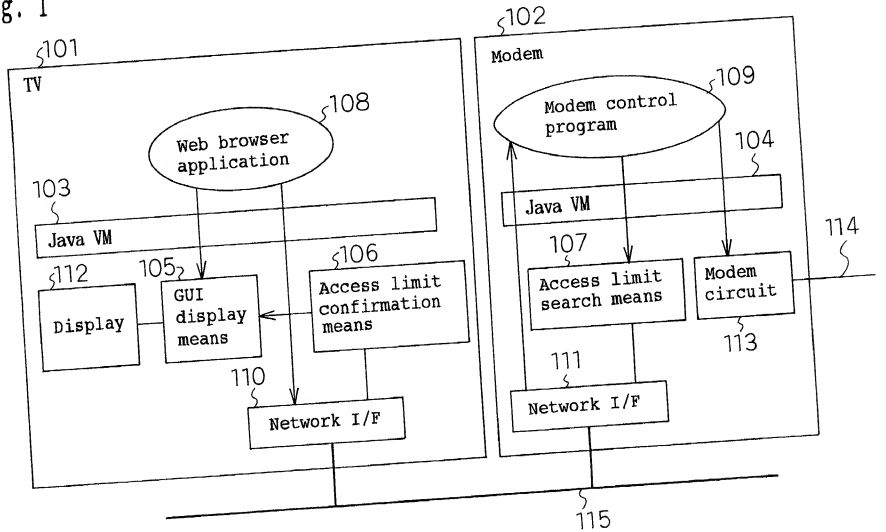

101
TV
108
Web browser application
103
Java VM
112
Display
105
GUI display means
106
Access limit confirmation means
110
Network I/F
102
Modem
109
Modem control program
104
Java VM
107
Access limit search means
Modem circuit
113
111
Network I/F
114
115

Fig. 2

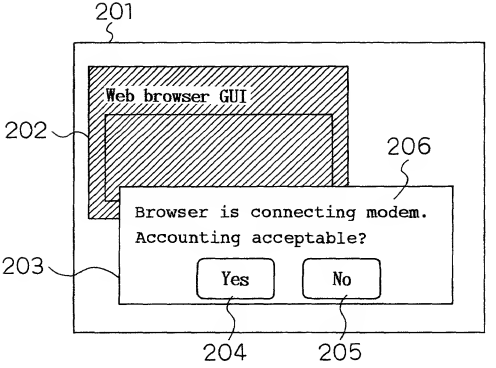

201
Web browser GUI
202
206
Browser is connecting modem.
Accounting acceptable?
203
Yes
No
204
205

Fig. 3

301

Application Name	Application ID	Access permission
Web browser	0×0010	Confirmation required
EPG downloading	0×0020	Uncertain
PayPerView accounting	0×0040	Permitted
Others	Others	Rejected

Fig. 4

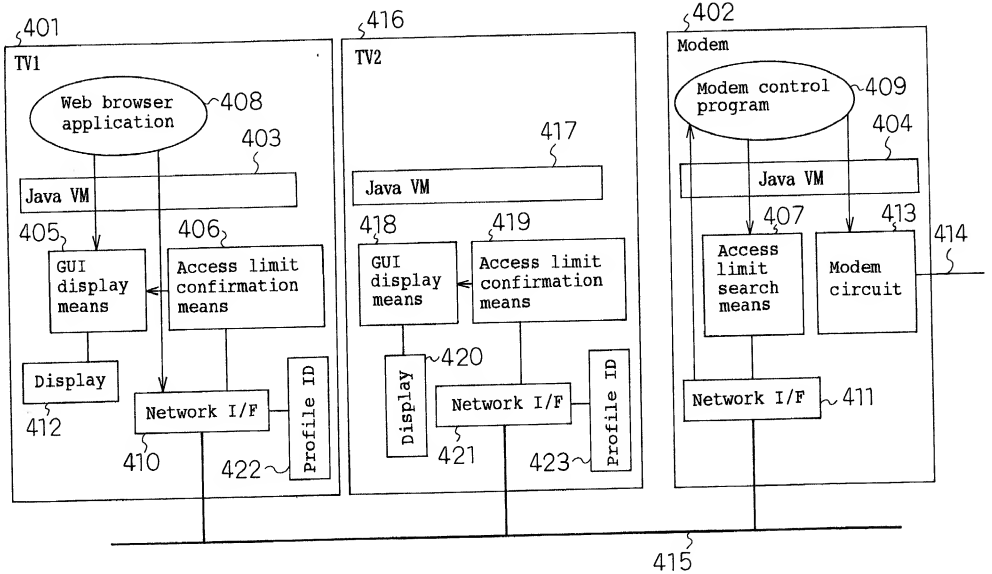

401
TV1
Web browser application
408
403
Java VM
405
406
GUI display means
Access limit confirmation means
Display
412
Network I/F
410
422
Profile ID
416
TV2
417
Java VM
418
419
GUI display means
Access limit confirmation means
420
Display
Network I/F
421
423
Profile ID
402
Modem
Modem control program
409
404
Java VM
407
413
414
Access limit search means
Modem circuit
Network I/F
411
415

Fig. 5

501

Application Name	Application ID	Profile ID	Access permission
Web browser	0×0010	User1	Confirmation required
EPG downloading	0×0020	User1	Uncertain
PayPerView accounting	0×0040	All users	Permitted
Others	Others	All users	Rejected

Fig. 6

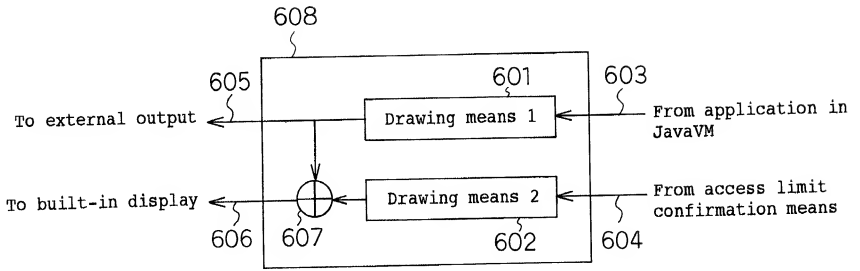
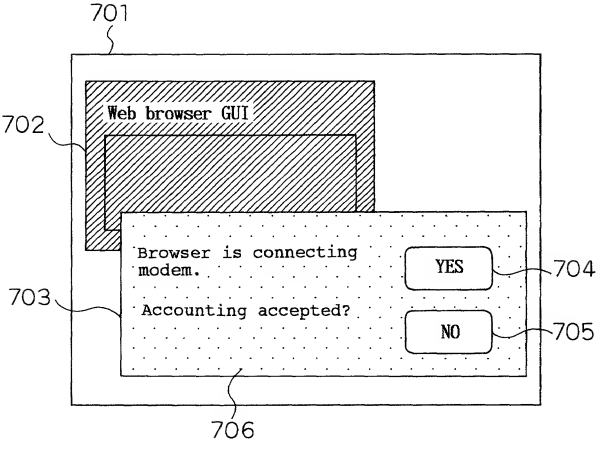

608
605
601
603
To external output
Drawing means 1
From application in JavaVM
To built-in display
Drawing means 2
From access limit confirmation means
606
607
602
604

Fig. 7


701
Web browser GUI
702
Browser is connecting modem.
YES
704
703
Accounting accepted?
NO
705
706

JP2002-009860

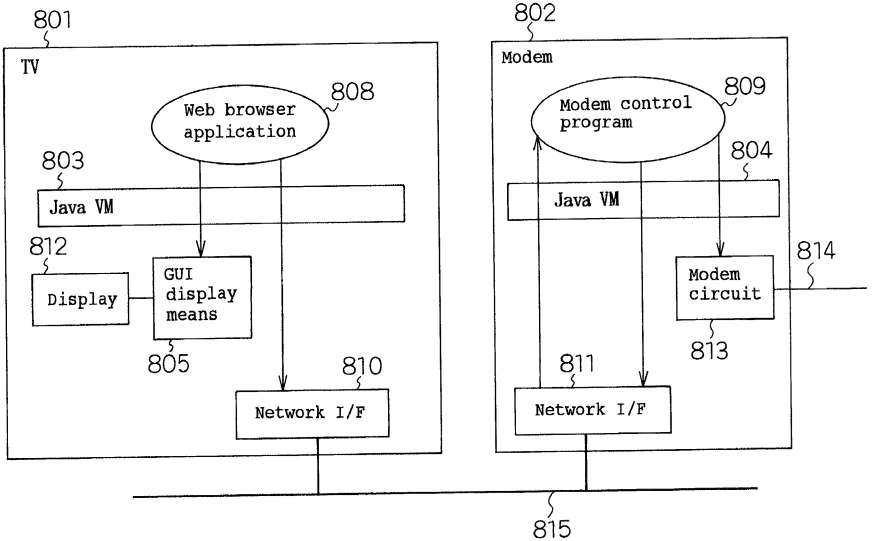



Fig. 8